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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

SRIVASTAVA et al.

Atty. Ref.: LSN-4062-116

Serial No. 10/813,649

TC/A.U.: 2628

Filed: March 31, 2004

Examiner: Daniel F. Hajnik

For: GENERATION OF THREE DIMENSIONAL FRACTAL SUBSURFACE
STRUCTURE BY VORONOI TESSELLATION AND COMPUTATION OF
GRAVITY RESPONSE OF SUCH FRACTAL STRUCTURE

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May 15, 2007

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SUBMISSION OF CORRECTED FORM PTO SB/08A

Sir:

The Form PTO-SB/08a submitted June 19, 2006 (with an accompanying IDS fee) was erroneously captioned (for Serial No. 10/474,902). The properly captioned Form SB/08a is herewith re-submitted. If not already accomplished, consideration of such information and return of a fully initialed Form PTO-SB08a as originally requested on June 19, 2006 is solicited.

Since the IDS fee has already been paid not further fee is believed necessary. However, if such fee is deemed necessary, authority is hereby given to charge it to our Account No. 14-1140.

Respectfully submitted,

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**INFORMATION DISCLOSURE
CITATION**

ATTY. DOCKET NO.

SERIAL NO.

4062-116

10/813,649

APPLICANT

SRIVASTAVA et al.

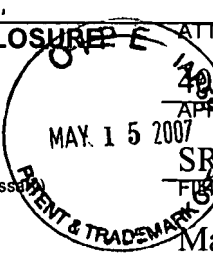
FILING DATE

GROUP

March 31, 2004

2628

(Use several sheets if necessary)


U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO

OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)

	Bott, M.H.P., The Use of Rapid Digital Computing Methods for Direct Gravity Interpretation of Sedimentary Basins, Geophysical Journal of the Royal Astronomical Society; 1959; pages 63-67
	Dimri, V.P., Deconvolution and Inverse Theory, METHODS IN GEOCHEMISTRY AND GEOPHYSICS, 29, Elsevier Science Publishers, Amsterdam, The Netherlands; 1992, pages 70-75
	Dimri, V.P., Fractal Dimension Analysis of Soil Flow Studies, NATIONAL GEOPHYSICAL RESEARCH INSTITUTE, Hyderabad, 500 007, India, circa 2000, pages 189-193
	Mandelbrot, B.B., The Fractal Geometry of Nature, W.H. Freeman, New York, circa 1980
	Maus, S. et al, Potential Field Power Spectrum Inversion for Scaling Geology, JOURNAL OF GEOPHYSICAL research, Vol. 100, No. B7, Pages 12,605-12,616, July 10, 1995
	Moharir, P.S., et al., Lemniscates Representation for Inversion of Gravity and Magnetic Data Through Nonlocal Optimization, PROC. INDIAN ACAD. SCI(Earch Planet, Sci.), 108, No. 4, December 1999, pages 233-231
	Talwani, M. et al., Rapid Gravity Computations for Two-Dimensional Bodies with Application to the Mendocino Submarine Fracture Zone, JOURNAL OF GEOPHYSICAL RESEARCH, Vo. 64; January, 1959, pages 49-59
	Talwani, M. et al., Rapid Computation of Gravitational Attraction of Three-Dimensional Bodies of Arbitrary Shape, GEOPHYSICS, Vol. 64, February, 1960, pages 203-335
	Tipper, A Straight Forward Iterative Algorithm for the Planar Voronoi Diagram, INFORMATION PROCESSING LETTERS, 34, pages 155-160, 1990
	Ledru, GeoFrance 3D: An Integrated Approach to 3D Geological Imaging of the Subsurface, http://www.brgm.fr/geofrance3d/presentation/presentation_principal.html , pages 1-13, 1/28/06
	Shirriff, Generating Fractals from Voronoi Diagrams, August 23, 1995
	Sides, "Geological Modelling of Mineral Deposits for Prediction in Mining", GEO RUNDSCH (1997) 86:342-353, Springer-Verlag 1997
	Misheve, "Finite Volume Methods on Voronoi Meshes", Depart. Of Mathematics, Duke University, Durham, NC 27708-0320, Received February 20, 1997; accepted August 11, 1997
	Archibald et al., "Multiscale Edge Analysis of Potential Field Data", pages 1-24, http://www.per.marine.csiro.au/staff/Fabio.Boschetti/full_pap_list.html , 1/29/06

*Examiner

Date Considered

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Initial a this form with next communication to application.